

## Figure 1

Figure 2

|     |           |                                 |           |              |              |        |       |       |
|-----|-----------|---------------------------------|-----------|--------------|--------------|--------|-------|-------|
| SEQ | ID NO: 22 | MKVFSAVLIIILFVCSMIIIGINA-VRIPVS | C KHSGQ-  | C KDA-GMRFGK | C MNKG       | C D    | C TPK |       |
| SEQ | ID NO: 04 | MKFETSVLMMMIIFSMVISSHAQYELDVT   | C MGGADIN | C VKP        | C YDKYGTTKTK | C INDR | C N   | C YP- |
| SEQ | ID NO: 06 | MKFSSIIILLLICSMTICINCQVETINVK   | C TGG--S  | C AST        | C KRVIGVAAGK | C INGR | C V   | C YP- |

Figure 3

**Figure 4**

| SEQ | ID | NO:24 | -----VS                           | C | ED | C | PDH | C | STQKARAK | C | DNDK | C | V | C | EPK |
|-----|----|-------|-----------------------------------|---|----|---|-----|---|----------|---|------|---|---|---|-----|
| SEQ | ID | NO:10 | MKMSRLYAIILIVLVMNVIMTIMPDASKVEAVG | C | ED | C | PEH | C | SQQNARAK | C | ENDK | C | V | C | EPK |

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Figure 5

Figure 6

**Figure 7**

| SEQ | ID | NO:27 | ----- | NO:16 | ----- | NO:18 | ----- |
|-----|----|-------|-------|-------|-------|-------|-------|
| SEQ | ID | YDSRQ | C     | WIA   | C     | YD    | C     |
| SEQ | ID | SASRE | C     | WEA   | C     | SD    | C     |
| SEQ | ID | ISSQE | C     | WIA   | C     | SI    | C     |
|     |    | 1     |       | 58    |       |       |       |

Figure 8

|     |           |                           |         |       |                |        |     |      |
|-----|-----------|---------------------------|---------|-------|----------------|--------|-----|------|
| SEQ | ID NO: 28 | -----XFTDVK               | C TGSKQ | C WPV | C KQMEFGKPNNGK | C MNGK | C R | C YS |
| SEQ | ID NO: 20 | ILSFLITFVICSIMISTEAQFIDVK | C TSXKE | C WPI | C KERFGVARGK   | C INKQ | C R | C YS |